

CLAIMS

What is claimed is:

1. A multi-chambered fluid delivery system, comprising:
  - a first chamber;
  - a second chamber;
  - a first delivery tube having a first end and a second end, said first delivery tube in communication with said first chamber at the first end of said first delivery tube;
  - a second delivery tube having a first end and a second end, said second delivery tube in communication with said second chamber at the first end of said second delivery tube;
  - a first mixing valve having a first input port, a second input port and an outlet, the second end of said first delivery tube attached to the first input port of the first mixing valve to provide communication between the first mixing valve and the first chamber, the second end of said second delivery tube attached to the second input port of the first mixing valve to provide communication between the first mixing valve and the second chamber; and
  - first means for directing either content from said first chamber, content from said second chamber or a combination of content from said first chamber and said second chamber to the outlet of the first mixing valve.
2. The multi-chambered fluid delivery system of claim 1 further comprising a cushioning member for housing said first chamber and said second chamber.
3. The multi-chamber fluid delivery system of claim 2 further comprising:
  - a removable third chamber contained by said cushioning member;
  - a removable fourth chamber contained by said cushioning member;
  - a third delivery tube having a first end and a second end, said third delivery tube in communication with said third chamber at the first end of said third delivery tube;
  - a fourth delivery tube having a first end and a second end, said fourth delivery tube in communication with said fourth chamber at the first end of said fourth delivery tube;
  - a second mixing valve having a first input port, a second input port and an outlet, the second end of said third delivery tube attached to the first input port of the second mixing valve to provide communication between the second mixing valve and the third chamber, the second end of said fourth delivery tube attached to the second input port of the second mixing

valve to provide communication between the second mixing valve and the fourth chamber; and

second means for directing either content from said third chamber, content from said fourth chamber or a combination of content from said third chamber and said fourth chamber to the outlet of the second mixing valve.

4. The multi-chambered fluid delivery system of claim 1 wherein said first mixing valve having a bite valve attached at the outlet of the first mixing valve, wherein upon biting down on the bite valve by the user, the user is permitted to draw content from said first chamber, said second chamber or both said first chamber and said second chamber as determined by said first means for directing.

5. The multi-chambered fluid delivery system of claim 3 wherein said first mixing valve having a first bite valve attached at the outlet of the first mixing valve, wherein upon biting down on the first bite valve by the user, the user is permitted to drawn content from said first chamber, said second chamber or both said first chamber and said second chamber as determined by said first means for directing; wherein said second mixing valve having a second bite valve attached at the outlet of the second mixing valve, wherein upon biting down on the second bite valve by the user, the user is permitted to drawn content from said third chamber, said fourth chamber or both said third chamber and said fourth chamber as determined by said second means for directing.

6. The multi-chambered fluid delivery system of claim 1 further comprising a fabric pack for housing said first chamber and said second chamber.

7. The multi-chambered fluid delivery system of claim 1 wherein said first mixing valve having a third port for attachment of an additional delivery tube, said additional delivery tube providing communication between the first mixing valve and a disposable chamber, said first means for directing controlling access to the content contained with the disposable chamber.

8. The multi-chambered fluid delivery system of claim 6 wherein said first mixing valve having a third port for attachment of an additional delivery tube, said additional delivery tube providing communication between the first mixing valve and a disposable chamber, said first means for directing controlling access to the content contained with the disposable chamber, said disposable chamber housed by said fabric pack.

9. The multi-chambered fluid delivery system of claim 8 wherein said disposable chamber is an intra-venous bag.

10. The multi-chambered fluid delivery system of claim 1 wherein said first chamber is larger in internal volume size as compared to an internal volume size of said second chamber.

11. The multi-chambered fluid delivery system of claim 2 wherein said cushioning member is attached to an adaptor, said adaptor permitting said cushioning member to be attached to a garment.

12. The multi-chambered fluid delivery system of claim 11 wherein said garment is body armor.

13. The multi-chambered fluid delivery system of claim 11 wherein said cushioning member is disposed between a front side of a user and the garment.

14. The multi-chambered fluid delivery system of claim 11 wherein said cushioning member is disposed between a back side of a user and the garment.

15. The multi-chambered fluid delivery system of claim 1 wherein said first chamber contains water and said second chamber contains a fluid electrolyte drink.

16. The multi-chambered fluid delivery system of claim 3 wherein said first chamber contains water, said second chamber contains a fluid electrolyte drink, said third chamber contains a simple carbohydrate liquid and said fourth chamber contains a complex carbohydrate solution including branched chain amino acids for sustained support of blood sugar.

17. The multi-chambered fluid delivery system of claim 8 wherein said disposable chamber contains a potable intra-venous fluid.

18. The multi-chambered fluid delivery system of claim 15 wherein said disposable chamber contains a potable intra-venous fluid.